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REPORTS, Gen.

MENDOCINO NATIONAL FOREST

RMO

ACCOMPLISHMENT
1957

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U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

CALIFORNIA REGION

CF&RES

Route to:

~~Mr. Arnold~~

~~Mr. Woolfolk~~

~~Mr. LeBarron~~

~~Mr. [redacted]~~

MRL

RECEIVED
JAN 22 1958
FOREST SERVICE
CALIFORNIA FOREST
EXPERIMENT STATION

GOLDEN ANNIVERSARY

Established February 6, 1907, the Mendocino National Forest was originally known as the "Stony Creek Reserve." The name was changed in 1908 to "California National Forest," and in 1932 to the present name.

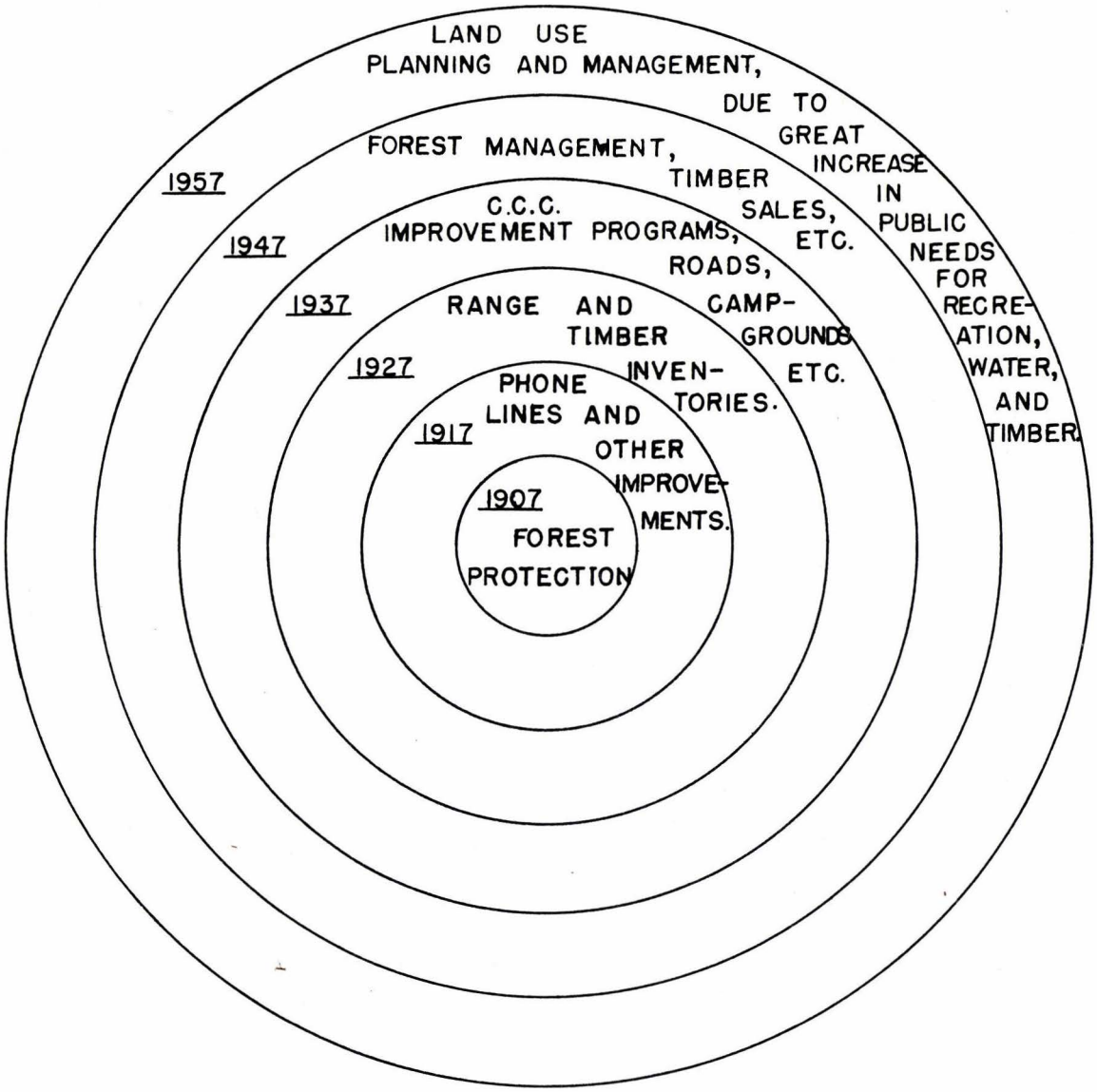
Much of the early history of the forest was traced in a series of articles which appeared in several Northern California newspapers during the spring and summer of 1957.

This report deals primarily with 1957 activities on the forest. It is prepared for the information of those who participate in or are interested in any of the many fields of activity on the forest. We hope it will arouse comment and suggestions.

ROBERT E. DASMANN
Forest Supervisor

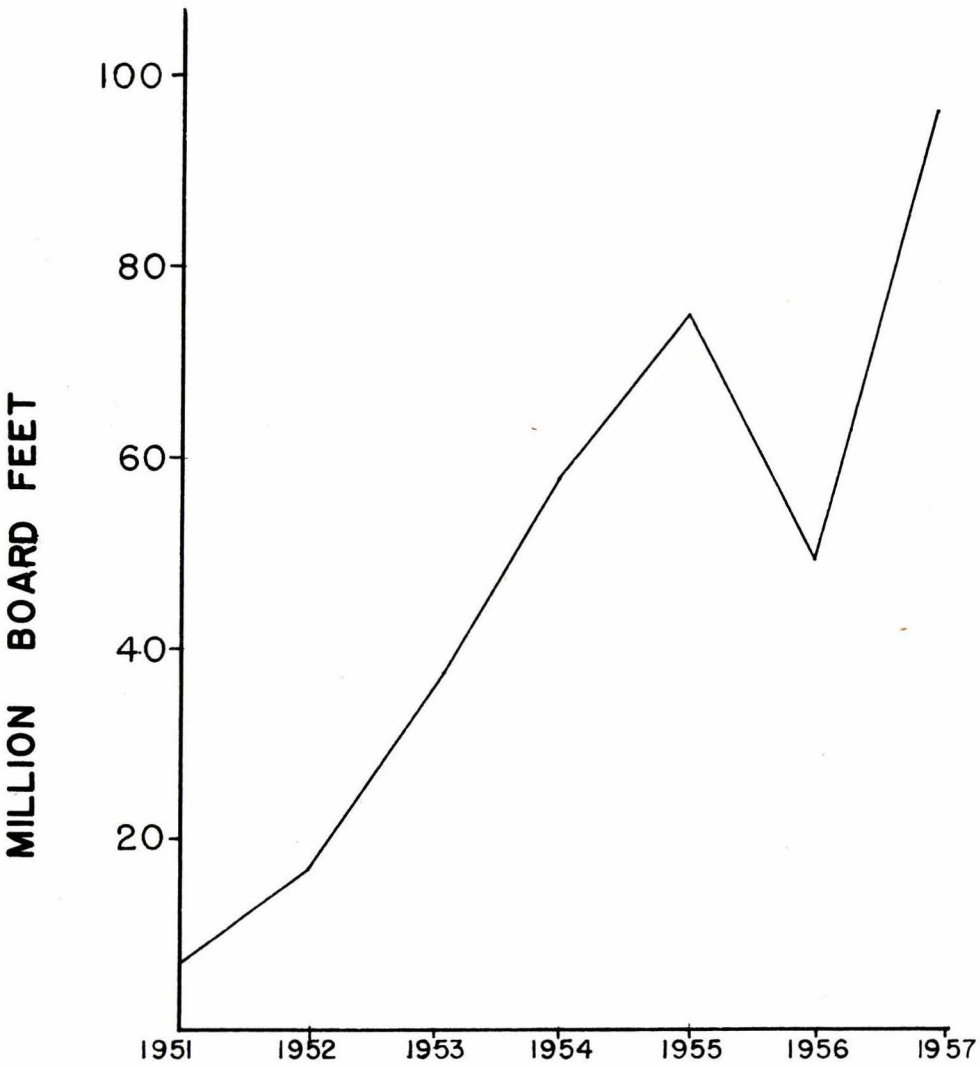
Cover photograph by C. A. Henry. Black Butte from Hull Mountain.

FIFTY YEARS OF GROWTH IN FOREST MANAGEMENT

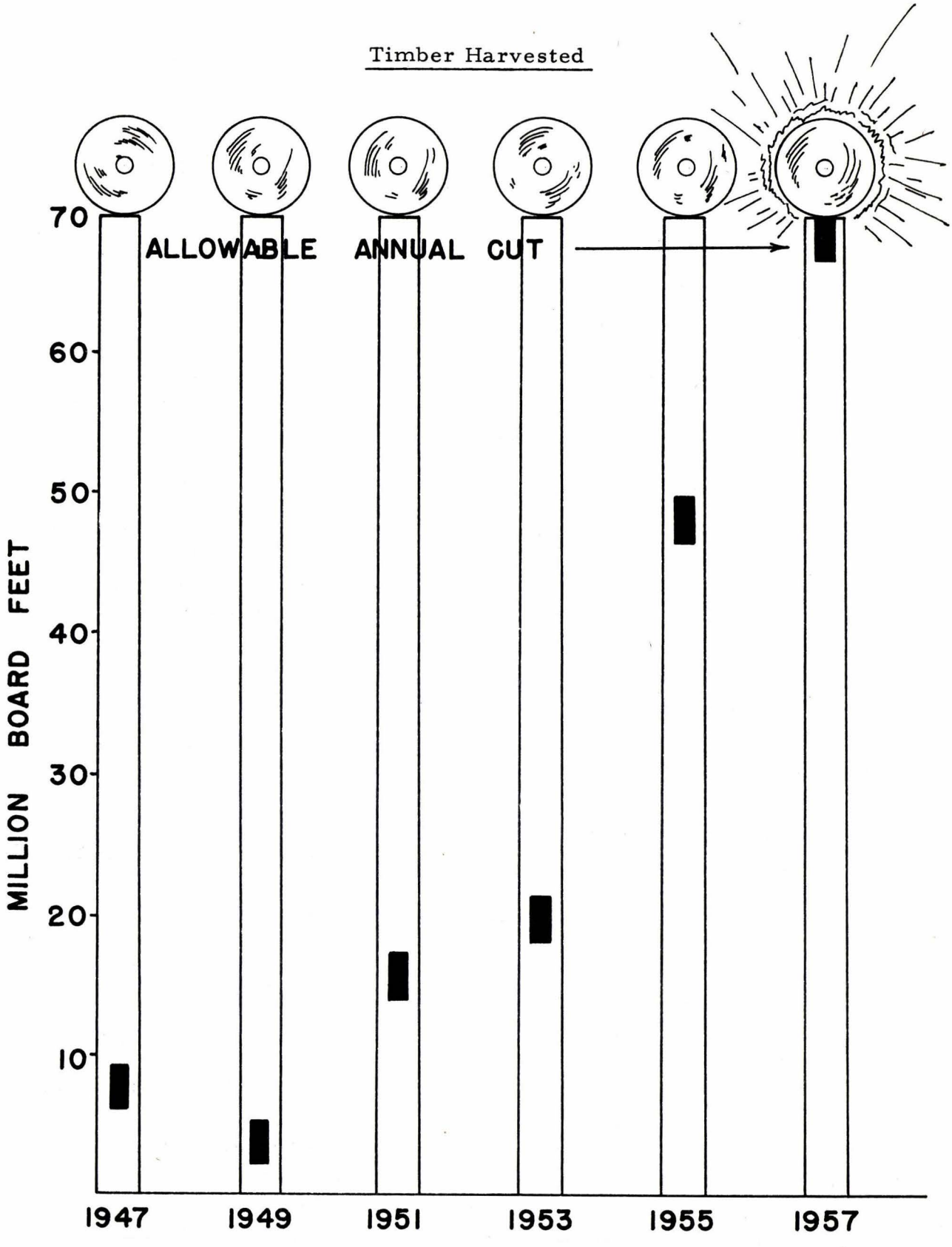


TIMBER MANAGEMENT

Timber Sold



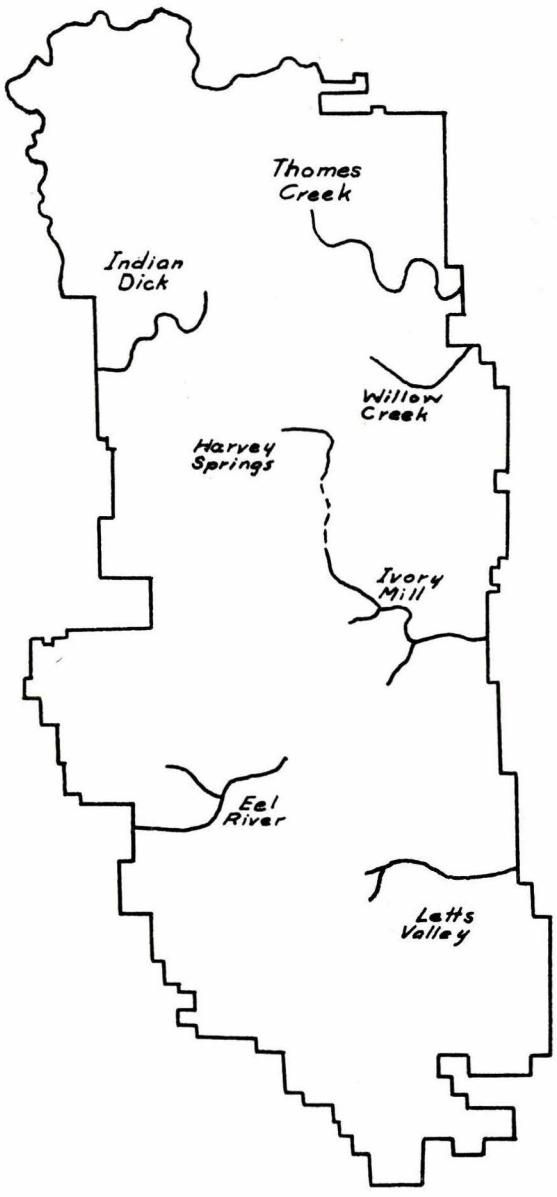
Most of the individual timber sales extend for a period of two to four years.



In 1957, the allowable annual cut was harvested for the first time. Allowable annual cut equals annual growth. At present, most of the cut comes from trees which are so old that they will die if not harvested soon.

TIMBER ACCESS ROADS

Main Haul Access Roads Built During Last Ten Years



Some of these roads are built by the Mendocino N.F., others by timber purchasers on the basis of reduced stumpage rates.

Construction standards on these main haul roads are very high. The roads are part of the planned transportation system and are available for public use when logging is completed.

1957 Accomplishment

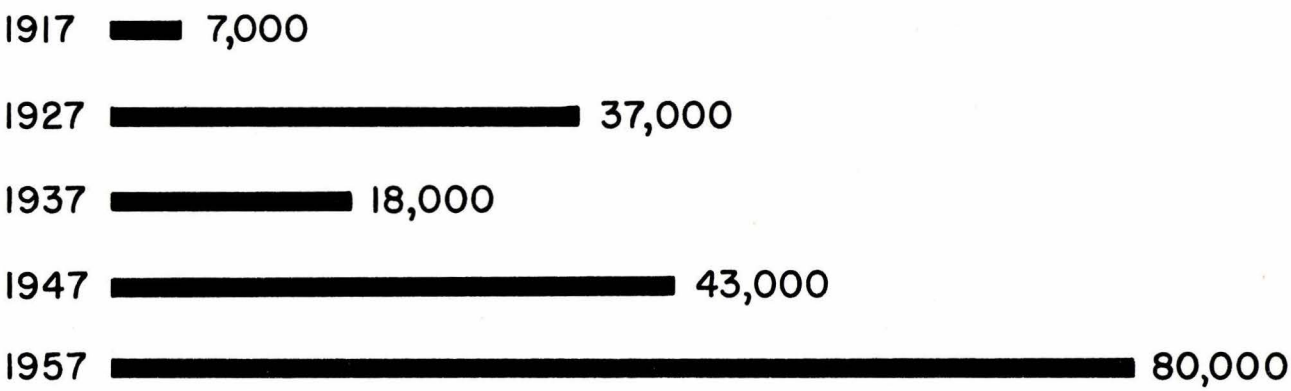
Main haul access roads
- By purchasers
  - 17.6 miles built. $340,000
- By Mendocino N.F.
  - 10.5 miles built.
  - Purchaser roads staked.
  - 35 miles surveyed ahead.
  - Cost $550,000.

Secondary access roads
- By purchasers
  - 18 miles built. $126,000.

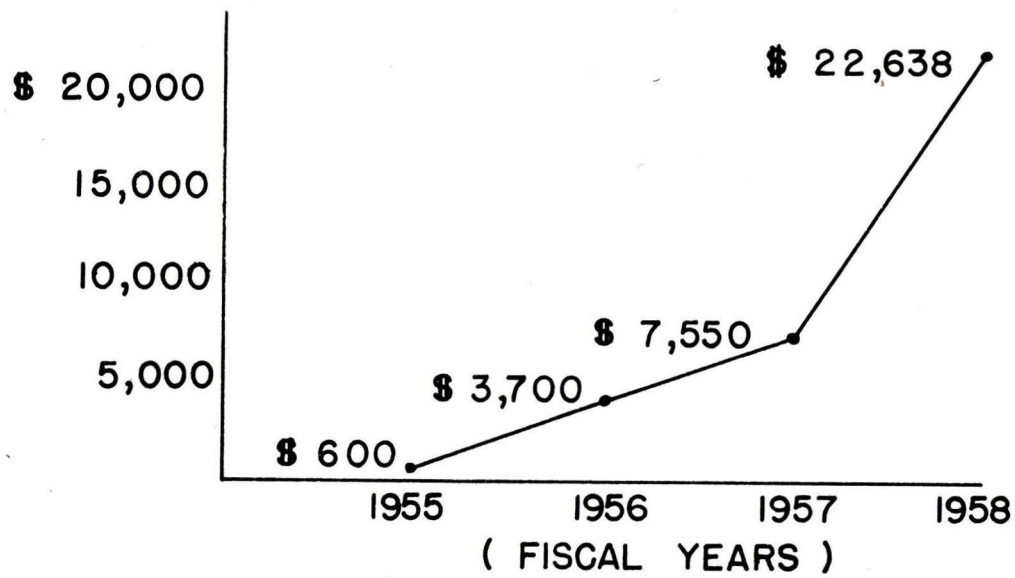
Total timber access roads built during the year:
45 miles. $1,016,000.

RECREATION

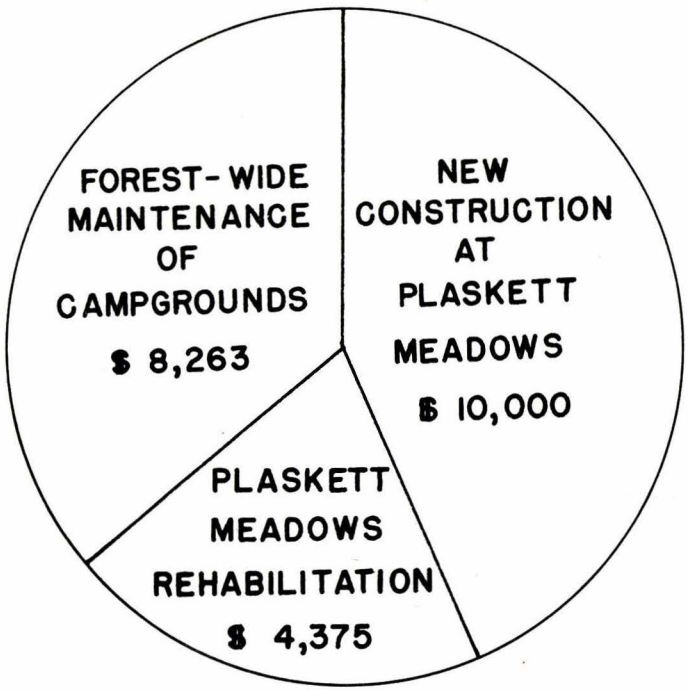
Number of Forest Visitors



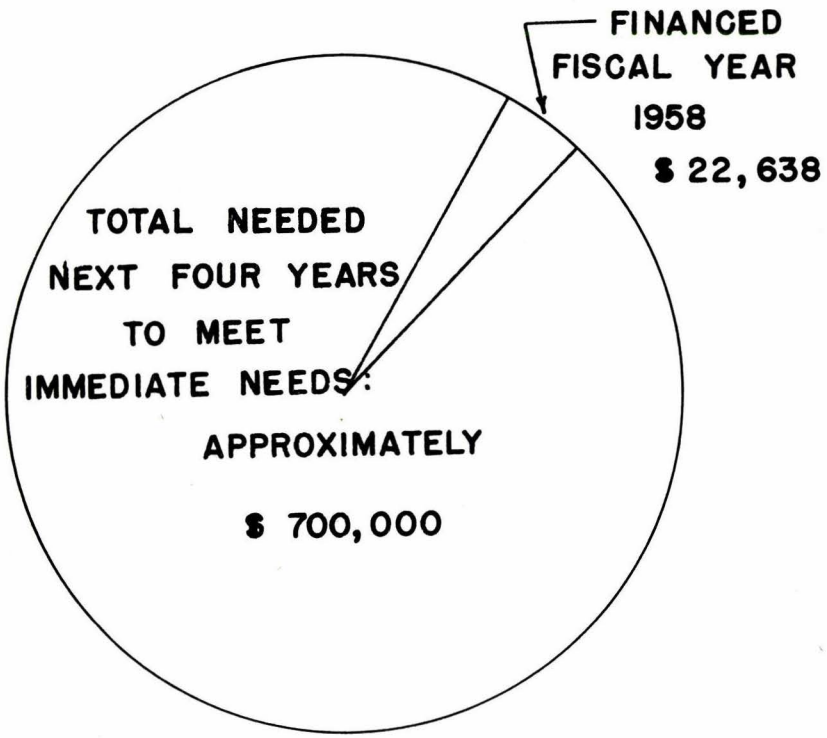
Financing of Forest Campground Maintenance and Construction



Campground Work Being Done During Fiscal Year 1958

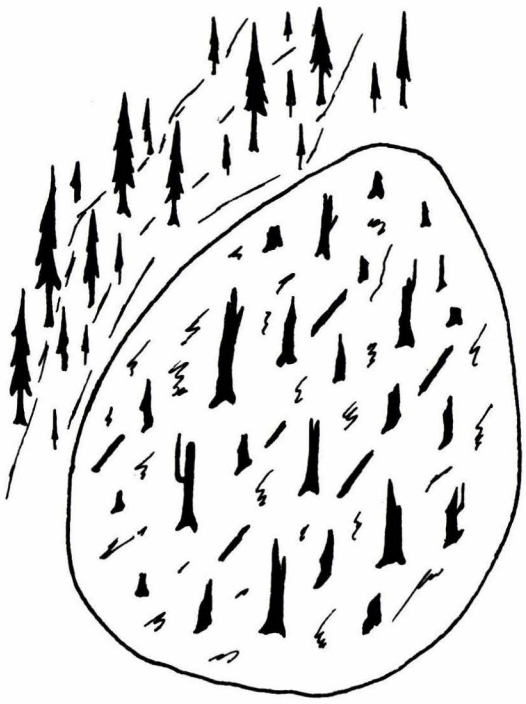


"Operation Outdoors"



FIRE CONTROL

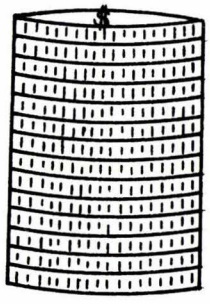
Acres Burned by Wildfire



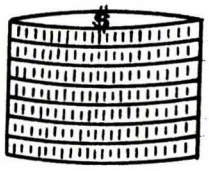
Average 1951-1956:
3121 acres

1957:
71 acres

Cost of Fire Suppression



Average 1951-1956
$135,000



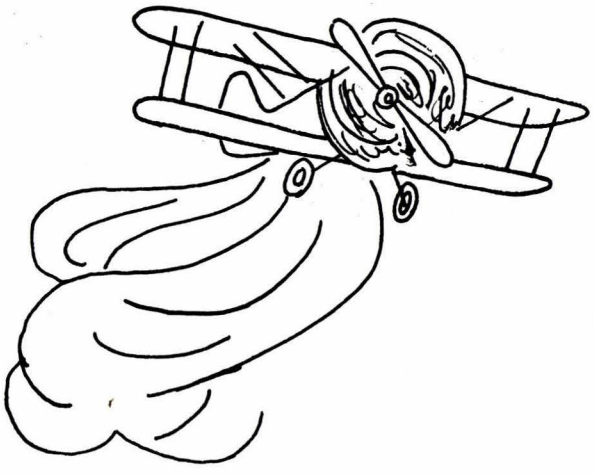
1957
$70,000

Timber and Other Losses by Fire

Average 1951-1956:
$159,000

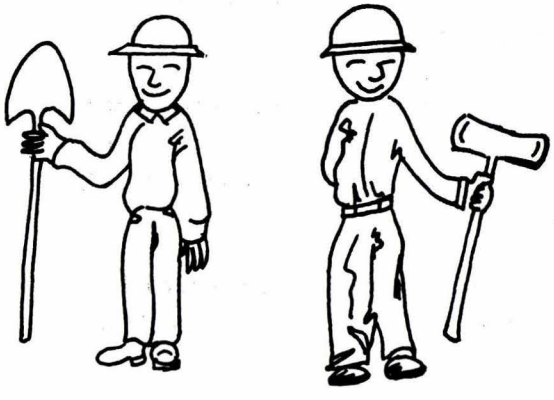
1957:
$328

In terms of weather factors, the 1957 fire season was more severe than the average year. The very successful fire record was attained by teamwork between old-fashioned skills and new techniques:

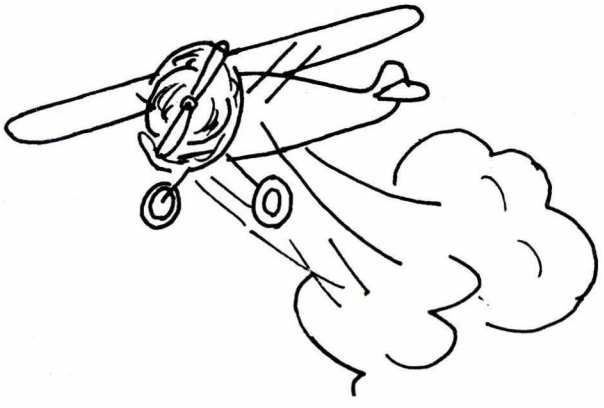


AIR TANKERS - knocked down flames promptly.

HELICOPTER - put first men on fires quickly.



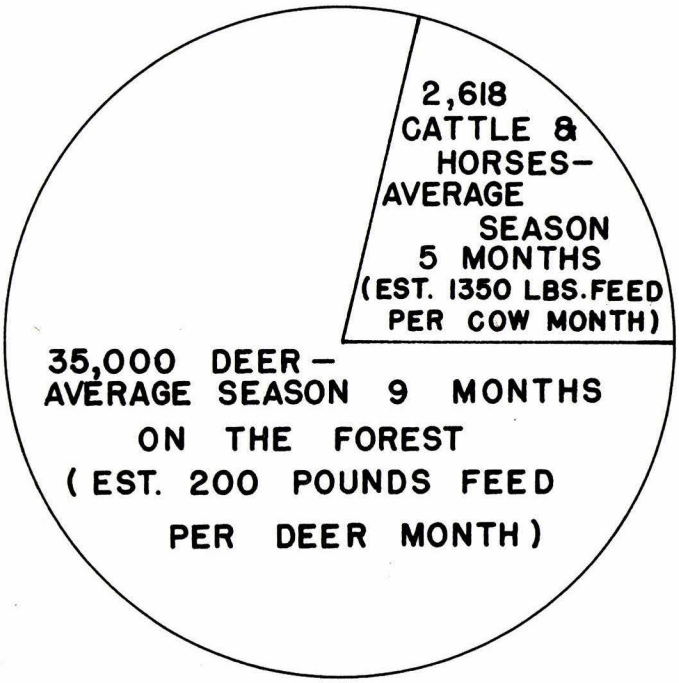
GROUND FORCES - finished the job of control.



CLOUD SEEDERS - to reduce the number of lightning fires.

RANGE AND WILDLIFE

Use of Rangelands



IMPROVEMENTS

One building was constructed on the forest this year: a residence at Stonyford Ranger Station.

Additional building needs on the forest at present are: Five single Family dwellings, two dual dwellings, one barracks, one lookout tower, one central warehousing unit, and one ranger station.

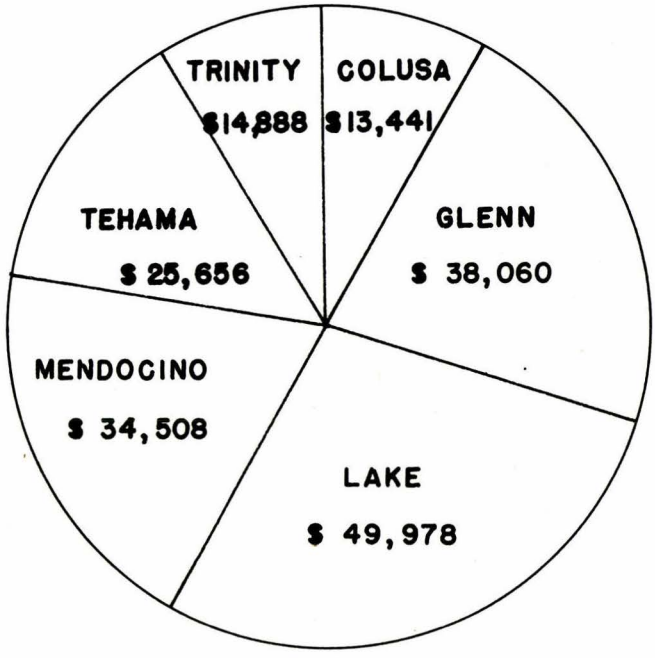
$15,275 has been allocated by the California Wildlife Conservation Board for construction of a 33 acre lake in the Letts Valley Recreation Area.

FOREST RECEIPTS AND EXPENDITURES

Fiscal Year 1957

OPERATING EXPENDITURES INCLUDING FIRE SUPPRESSION.	INVESTMENT EXPENDITURES INCLUDING ROAD CONSTRUCTION AND TIMBER STAND IMPROVEMENT	RECEIPTS FROM TIMBER SALES AND OTHER SOURCES.
$ 436,447	$ 632,649	$ 706,126

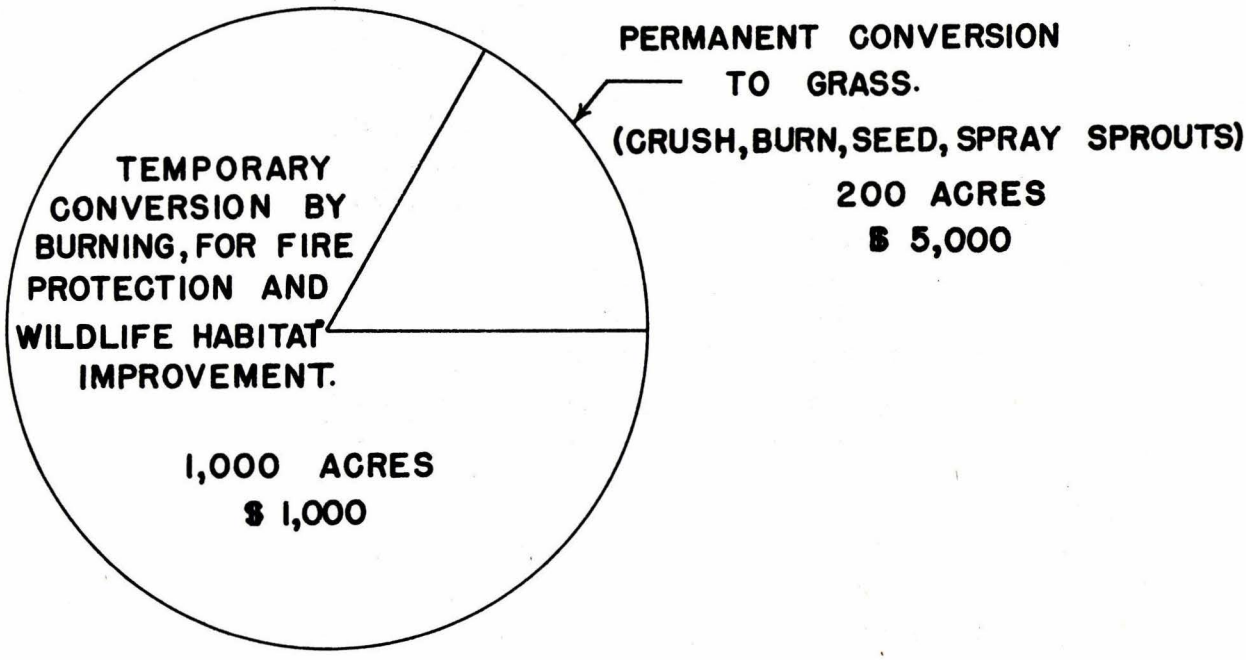
25 percent of the above receipts have been turned over to the counties within the forest as follows:



This distribution is based on the relative acreages of Mendocino National Forest lands within the counties.

BRUSH TYPE CONVERSION

Accomplishment-Current Fiscal Year


PERMANENT CONVERSION TO GRASS.
(CRUSH, BURN, SEED, SPRAY SPROUTS)
200 ACRES
$ 5,000
TEMPORARY CONVERSION BY BURNING, FOR FIRE PROTECTION AND WILDLIFE HABITAT IMPROVEMENT.
1,000 ACRES
$ 1,000

Total Job to be Done